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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

12/14/2005

Steven P. Wigmore, Esq. KING & SPALDING LLP 45th Floor 191 Peachtree Street, N.E. Atlanta, GA 30303

EXAMINER

GHULAMALI, QUTBUDDIN

ART UNIT PAPER NUMBER

2637

DATE MAILED: 12/14/2005

| 1 | APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-----------------|-------------|----------------------|---------------------|------------------|
| | 10/620,477 | 07/15/2003 | Andrew Joo Kim | 07982.105018 | 8614 |

TITLE OF INVENTION: ADAPTIVE NOISE FILTERING AND EQUALIZATION FOR OPTIMAL HIGH SPEED MULTILEVEL SIGNAL DECODING

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$700 | \$300 | \$1000 | 03/14/2006 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| indicated unless corrected maintenance fee notification | | in Block 1, by (a) | specifying a | new co | rrespondence address; | and/or (b) indicating a sepa | rate "FEE ADDRESS" for |
|--|---|--|--|--|--|--|--|
| | TE ADDRESS (Note: Use Block I for | any change of address) | | | Fee(s) Transmittal Th | mailing can only be used for is certificate cannot be used for larger, such as an assignment of mailing or transmission. | or any other accompanying |
| Steven P. Wigmo KING & SPALDIN 45th Floor 191 Peachtree Stre | ore, Esq. NG LLP | | | | Cer | rtificate of Mailing or Trans is Fee(s) Transmittal is being with sufficient postage for fire I Stop ISSUE FEE address TO (571) 273-2885, on the d | mission |
| Atlanta, GA 30303 | | | | | | | (Depositor's name) |
| | | | | | | | (Signature) |
| | | | | | | | (Date) |
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| EXAN | INER | ART UN | lT . | CL. | ASS-SUBCLASS | | |
| GHULAMALI | , QUTBUDDIN | 2637 | | | 375-350000 | • | |
| CFR 1.363). Change of correspond Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless | 1 37 CFR 3.11. Completion | Correspondence ation form e of a Customer E PRINTED ON Telow, no assignee of this form is NOT | (1) the nam or agents O (2) the nam registered a 2 registered listed, no na THE PATENT data will apper | nes of upones, alternate of a sattomey if patent ame will print of ar on the or filing | ingle firm (having as a or agent) and the nam attorneys or agents. If I be printed. r type) te patent. If an assign | at attorneys 1 a member a 2 les of up to no name is 3 lee is identified below, the decimal attorneys | ocument has been filed for |
| 4a. The following fee(s) are Issue Fee Publication Fee (No | | 4b | Payment of F A check in Payment b | Fee(s): a the am by credit | ount of the fee(s) is entered to card. Form PTO-2038 | is attached. | credit any overnavment to |
| | | | Deposit Accor | unt Nun | nber | (enclose an extra c | opy of this form). |
| | (from status indicated above MALL ENTITY status, See | • | ☐ b. Applica | ınt is no | longer claiming SMA | LL ENTITY status. See 37 C | FR 1.27(g)(2). |
| The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the rec | is requested to apply the Issi Publication Fee (if required) vords of the United States Pate | ue Fee and Publicat will not be accepted ent and Trademark | tion Fee (if any I from anyone Office. | y) or to r other th | re-apply any previousl an the applicant; a reg | y paid issue fee to the applica stered attorney or agent; or the | ition identified above. ne assignee or other party in |
| Authorized Signature | | | | | Date | | |
| Typed or printed name | | | | | | No | |
| This collection of information application. Confidential | on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. | 11. The informatio | n is required to 1.14. This colle | o obtain ection is | or retain a benefit by s estimated to take 12 | the public which is to file (and minutes to complete, including | by the USPTO to process) ag gathering, preparing, and |

submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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| Atlanta, GA 30303 | | DATE MAILED: 12/14/2005 | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.